

**32-20377: Animal-Free Recombinant Human IL-16 (121 a.a.)(Discontinued)**

**Reactivity :** Mouse  
**Alternative Name :** LCF (Lymphocyte Chemoattractant Factor)

**Description**

**Source:** **E.coli**IL-16 is a CD8+ T cell-derived cytokine that induces chemotaxis of CD4+ T cells, CD4+ monocytes, and eosinophils. Analysis by gel filtration suggests that, under physiological conditions, hIL-16 exists predominantly as a noncovalently linked multimer, but that some IL-16 may exist as a monomer. However, only the multimeric form appears to possess chemotactic activity, suggesting that receptor cross-linking may be required for activity. IL-16 also induces expression of IL-2 receptor (IL-2R) and MHC class II molecules on CD4 + T cells. Human and murine IL-16 show significant cross-species reactivity. Recombinant Human IL-16 is a 12.4 kDa protein consisting of 121 amino acid residues.

**Product Info**

**Amount :** 2 µg / 10 µg  
**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.  
**Content :** This recombinant protein is supplied in lyophilized form.  
**Amino Acid :** SAASASAASD VSVETAEAT VCTVTLEKMS AGLGFSLEGG KGSLHGDKPL TINRIFKGAA SEQSETVQPG  
DEILQLGGTA MQGLTRFEAW NIKALPDGP VTIVIRRKSL QSKETTAAGD S

**Application Note**

Determined by its ability to chemoattract human peripheral blood lymphocytes using a concentration range of 50.0-1000.0 ng/ml.